

Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. (Physics/Chemistry/Mathematics) Teaching Scheme (w.e.f July 2021) Semester-I												
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME				
			L	T	P			THEORY		PRACTICAL		TOTAL
								CIE	ESE	CIE	ESE	
1	BPH0101	Physics - I	4	0	0	4	4	60	40	0	0	100
2	BCH0101	General Chemistry - I	4	0	0	4	4	60	40	0	0	100
3	BMA0101	Calculus and Co-ordinate Geometry	4	2	0	6	6	60	40	0	0	100
4	BPH0102	Physics Practical - I	0	1	2	2	3	0	0	60	40	100
5	BCH0102	Chemistry Practical - I	0	1	2	2	3	0	0	60	40	100
6	BEG0101	General English	2	0	0	2	2	60	40	0	0	100
7	BDM0101	Disaster Management	2	0	0	2	2	60	40	0	0	100
		Total	16	4	4	22	24	300	200	120	80	700

B.Sc. (Physics/Chemistry/Environmental Science)

Teaching Scheme (w.e.f July 2021)

Semester-I

SR NO	CODE	SUBJECTS	TEACHING			CREDITS	HOURS	EXAMINATION SCHEME				
			SCHEME					THEORY		PRACTICAL		TOTAL
			L	T	P							
			CIE	ESE	CIE			ESE				
1	BPH0101	Physics - I	4	0	0	4	4	60	40	0	0	100
2	BCH0101	General Chemistry - I	4	0	0	4	4	60	40	0	0	100
3	BEV0101	Environmental Science - I	4	0	0	4	4	60	40	0	0	100
4	BPH0102	Physics Practical - I	0	1	2	2	3	0	0	60	40	100
5	BCH0102	Chemistry Practical - I	0	1	2	2	3	0	0	60	40	100
6	BEV0102	Environmental Science Practical - I	0	1	2	2	3	0	0	60	40	100
7	BEG0101	General English	2	0	0	2	2	60	40	0	0	100
8	BDM0101	Disaster Management	2	0	0	2	2	60	40	0	0	100
		Total	16	3	6	22	25	300	200	180	120	800



Indus University

Institute of Sciences, Humanities & Liberal Studies

B.Sc. (Physics/Chemistry/Mathematics)

Teaching Scheme (w.e.f July 2021)

Semester-II

SR NO	CODE	SUBJECTS	TEACHING			CREDITS	HOURS	EXAMINATION SCHEME		
			SCHEME					THEORY	PRACTICAL	

SR NO	CODE	SUBJECTS	L	T	P	CR	H	CIE	ESE	CIE	ESE	TOTAL
1	BPH0201	Physics - II	4	0	0	4	4	60	40	0	0	100
2	BCH0201	General Chemistry - II	4	0	0	4	4	60	40	0	0	100
3	BMA0201	Differential Equations & Matrix Algebra	4	2	0	6	6	60	40	0	0	100
4	BPH0202	Physics Practical - II	0	1	2	2	3	0	0	60	40	100
5	BCH0202	Chemistry Practical - II	0	1	2	2	3	0	0	60	40	100
6	BEG0201	Basic Communication & Presentation Skills	2	0	0	2	2	60	40	0	0	100
7	MB810407	Learning from Leaders	2	0	0	2	2	60	40	0	0	100
		Total	16	4	4	22	24	300	200	120	80	700

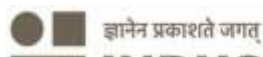


Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. (Physics/Chemistry/Environmental Science) Teaching Scheme (w.e.f July 2021) Semester-II												
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME				
			L	T	P			THEORY		PRACTICAL		TOTAL
								CIE	ESE	CIE	ESE	
1	BPH0201	Physics - II	4	0	0	4	4	60	40	0	0	100
2	BCH0201	General Chemistry - II	4	0	0	4	4	60	40	0	0	100
3	BEV0201	Environmental Science - II	4	0	0	4	4	60	40	0	0	100
4	BPH0202	Physics Practical - II	0	1	2	2	3	0	0	60	40	100
5	BCH0202	Chemistry Practical - II	0	1	2	2	3	0	0	60	40	100

6	BEV0202	Environmental Science Practical - II	0	1	2	2	3	0	0	60	40	100
7	BEG0201	Basic Communication & Presentation Skills	2	0	0	2	2	60	40	0	0	100
8	MB810407	Learning from Leaders	2	0	0	2	2	60	40	0	0	100
		Total	16	3	6	22	25	300	200	180	120	800



Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. (Chemistry/Mathematics) Teaching Scheme (w.e.f July 2021) Semester-III												
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME				
			L	T	P			THEORY		PRACTICAL		TOTAL
								CIE	ESE	CIE	ESE	
1	BCH0301	Inorganic and Physical Chemistry - I	4	0	0	4	4	60	40	0	0	100
2	BCH0302	Organic and Analytical Chemistry - I	4	0	0	4	4	60	40	0	0	100
3	BMA0301	Advanced Calculus - I	4	2	0	6	6	60	40	0	0	100
4	BMA0302	Linear Algebra - I	4	2	0	6	6	60	40	0	0	100
5	BCH0303	Chemistry Practical - III	0	0	6	3	6	0	0	60	40	100
6	SS0301	Human Values & Professional Ethics	2	0	0	2	2	60	40	0	0	100
		Total	18	4	6	25	28	300	200	60	40	600



Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. (Physics/Mathematics) Teaching Scheme (w.e.f July 2021) Semester-III												
SR NO	CODE	SUBJECTS	TEACHING SCHEME			CREDITS	HOURS	EXAMINATION SCHEME				
			L	T	P			THEORY		PRACTICAL		TOTAL
								CIE	ESE	CIE	ESE	
1	BPH0301	Physics - III	4	0	0	4	4	60	40	0	0	100
2	BPH0302	Physics - IV	4	0	0	4	4	60	40	0	0	100
3	BMA0301	Advanced Calculus - I	4	2	0	6	6	60	40	0	0	100
4	BMA0302	Linear Algebra - I	4	2	0	6	6	60	40	0	0	100
5	BPH0303	Physics Practical - III	0	0	6	3	6	0	0	60	40	100
6	SS0301	Human Values & Professional Ethics	2	0	0	2	2	60	40	0	0	100
		Total	18	4	6	25	28	300	200	60	40	600

Indus University Institute of Sciences, Humanities & Liberal Studies B.Sc. (Chemistry/Mathematics) Teaching Scheme (w.e.f July 2021) Semester-IV									
			TEACHING			EXAMINATION SCHEME			

SR NO	CODE	SUBJECTS	SCHEME			CREDITS	HOURS	EXAMINATION SCHEME				
			L	T	P			THEORY		PRACTICAL		TOTAL
								CIE	ESE	CIE	ESE	
1	BCH0401	Inorganic and Physical Chemistry - II	4	0	0	4	4	60	40	0	0	100
2	BCH0402	Organic and Analytical Chemistry - II	4	0	0	4	4	60	40	0	0	100
3	BMA0401	Advanced Calculus - II	4	2	0	6	6	60	40	0	0	100
4	BMA0402	Abstract Algebra - I	4	2	0	6	6	60	40	0	0	100
5	BCH0303	Chemistry Practical - IV	0	0	6	3	6	0	0	60	40	100
6	IST0001	Indian Science and Technology	1	0	0	1	1	100	0	0	0	100
		Total	17	4	6	24	27	340	160	60	40	600



Indus University
Institute of Sciences, Humanities & Liberal Studies
B.Sc. (Physics/Mathematics)
Teaching Scheme (w.e.f July 2021)
Semester-IV

SR NO	CODE	SUBJECTS	TEACHING			CREDITS	HOURS	EXAMINATION SCHEME				
			SCHEME					THEORY		PRACTICAL		TOTAL
			L	T	P							
			CIE	ESE	CIE			ESE				
1	BPH0401	Physics - V	4	0	0	4	4	60	40	0	0	100
2	BPH0402	Physics - VI	4	0	0	4	4	60	40	0	0	100
3	BMA0401	Advanced Calculus - II	4	2	0	6	6	60	40	0	0	100
4	BMA0402	Abstract Algebra - I	4	2	0	6	6	60	40	0	0	100

5	BPH0403	Physics Practical - IV	0	0	6	3	6	0	0	60	40	100
6	IST0001	Indian Science and Technology	1	0	0	1	1	100	0	0	0	100
		Total	17	4	6	24	27	340	160	60	40	600



Indus University
Institute of Sciences, Humanities & Liberal Studies
B.Sc. (Mathematics)
Teaching Scheme (w.e.f July 2021)
Semester-V

SR NO	CODE	SUBJECTS	TEACHING			CREDITS	HOURS	EXAMINATION SCHEME				
			SCHEME					THEORY		PRACTICAL		TOTAL
			L	T	P							
			CIE	ESE	CIE			ESE				
1	BMA0501	Linear Algebra – II	4	2	0	6	6	60	40	0	0	100
2	BMA0502	Analysis – I	4	2	0	6	6	60	40	0	0	100
3	BMA0503	Linear Programming	4	2	0	6	6	60	40	0	0	100
4	BMA0504	Number Theory	4	2	0	6	6	60	40	0	0	100
5	BMA0581	Mechanics (Elective)	4	2	0	6	6	60	40	0	0	100
	BMA0582	Combinatorics (Elective)										
		Total	20	10	0	30	30	300	200	0	0	500



Indus University
Institute of Sciences, Humanities & Liberal Studies
B.Sc. (Mathematics)
Teaching Scheme (w.e.f July 2021)
Semester-VI

Sr. No.	CODE	SUBJECTS	TEACHING			CREDITS	HOURS	EXAMINATION SCHEME				
			SCHEME					THEORY		PRACTICAL		TOTAL
			L	T	P							
								CIE	ESE	CIE	ESE	
1	BMA0601	Analysis - II	4	2	0	6	6	60	40	0	0	100
2	BMA0602	Abstract Algebra – II	4	2	0	6	6	60	40	0	0	100
3	BMA0603	Graph Theory	4	2	0	6	6	60	40	0	0	100
4	BMA0604	Complex Variables	4	2	0	6	6	60	40	0	0	100
5	BMA0691	Numerical Analysis (Elective)	4	2	0	6	6	60	40	0	0	100
	BMA0692	Convex Analysis and Probability Theory (Elective)										
		Total	20	10	0	30	30	300	200	0	0	500